

AMENDMENTS TO THE CLAIMS

1. (Canceled).
2. (Canceled).
3. (Canceled).
4. (Canceled).
5. (Currently amended) A die, comprising:
a lower block portion having an upper face, a front face, and a rear face, the upper face defining a first cavity therein;
an impact plate juxtaposed on the top surface of the lower block and having an impacting surface facing away from the lower block and a swaging surface facing toward the upper surface of the lower block, the swaging surface defining a second cavity therein configured to cooperate with the first cavity to form a swaging cavity, the swaging cavity having a tapered portion and a cylindrical portion, The die of claim 4, wherein the tapered portion has having an included angle within the range of from about .05 degrees to about 3.0 degrees, the impact plate being moveable toward and away from the lower block to vary the volume of the swaging cavity;
a front plate configured to mount to the front face of the lower block and having one or more travel stops designed to limit the relative travel of the impact plate with respect to the lower block;
a rear plate configured to mount to the rear face of the lower block and having one or more travel stops designed to limit the relative travel of the impact plate with respect to the lower block.
6. (Canceled).
7. (Canceled).
8. (Canceled).
9. (Canceled).
10. (Currently amended) A swaging die, comprising:
a lower portion and an upper portion, each of the lower portion and upper portion configured with a cavity that cooperate when juxtaposed on top of one another to form a swaging cavity configured to swage a marker band onto a catheter;

a front portion defining an inlet opening and a rear portion defining an exit opening. The die of claim 9, wherein each of the front portion and rear portion further define defining travel stops that extend above the upper portion and limit the maximum distance between the upper portion and the lower portion.

11. **(Original)** The die of claim 10, wherein the maximum distance between the upper portion and lower portion is about .025 inches.

12. **(Canceled).**

13. **(Currently amended)** A swaging die, comprising:

a lower portion and an upper portion, each of the lower portion and upper portion configured with a cavity that cooperate when juxtaposed on top of one another to form a swaging cavity configured to swage a marker band onto a catheter, the swaging cavity being a compound cavity having a tapered portion and a substantially cylindrical portion. The die of claim 12, wherein the tapered portion has having an included angle within the range of about 0.90 to about 1.15 degrees.

14. **(Canceled).**

15. **(Canceled).**

16. **(Canceled).**

17. **(Canceled).**

18. **(Canceled).**

19. **(Canceled).**

20. **(Canceled).**